

01/09/02

U.S. PTO

Express Mail Label No. EL03407942 US

01-11-02

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# UTILITY PATENT APPLICATION TRANSMITTAL

## (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
2002US301

Total Pages in this Submission  
47

### TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**POSITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING**

and invented by:

Joseph E. Oberlander, Ralph R. Dammel, Shuji Ding-Lee, Mark O. Neisser, Medhat A. Toukhy

J1046 U.S. PTO  
10/042532  
01/09/02

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 34 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Applicati n Elements (Continued)**

3. ☐ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☐ Formal Number of Sheets \_\_\_\_\_
- b. ☐ Informal Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class ☒ Express Mail *(Specify Label No.):* EL034079424US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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47

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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47

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	47	- 20 =	27	x \$18.00	\$486.00
Indep. Claims	4	- 3 =	1	x \$84.00	\$84.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$740.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,310.00

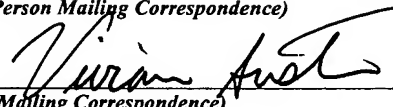
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 03-2060 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,310.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

  
Signature

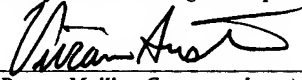
Sangya Jain, Reg. No. 38,504  
Clariant Corporation  
70 Meister Avenue  
Somerville, NJ 08876  
telephone (908) 429-3536

Dated: January 9, 2002

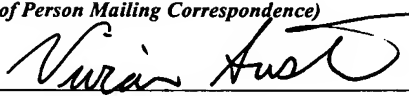
cc:

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>2002US301</b>
Applicant(s): <b>Joseph E. Oberlander et al</b>			
Serial No. <b>NOT ASSIGNED</b>	Filing Date <b>January 9, 2002</b>	Examiner <b>NOT ASSIGNED</b>	Group Art Unit <b>NOT ASSIGNED</b>
Invention: <b>POSITITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>COMBINED DECLARATION AND POWER OF ATTORNEY</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>January 9, 2002</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Vivian Austin</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL034079424US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
<b>Note: Each paper must have its own certificate of mailing.</b>			

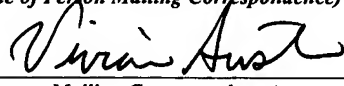
2005010"2E524001

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. 2002US301
Applicant(s): Joseph E. Oberlander et al			
Serial No. NOT ASSIGNED	Filing Date January 9, 2002	Examiner NOT ASSIGNED	Group Art Unit NOT ASSIGNED
Invention: POSITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING			
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Vivian Austin (Typed or Printed Name of Person Mailing Correspondence)			
 (Signature of Person Mailing Correspondence)			
EL034079424US (Express Mail Mailing Label Number)			
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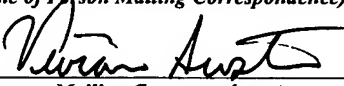
2002US301-0001

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>2002US301</b>
Applicant(s): <b>Joseph E. Oberlander et al</b>			
Serial No. <b>NOT ASSIGNED</b>	Filing Date <b>January 9, 2002</b>	Examiner <b>NOT ASSIGNED</b>	Group Art Unit <b>NOT ASSIGNED</b>
Invention: <b>POSITITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>ASSIGNMENT</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>January 9, 2002</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Vivian Austin</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><u></u> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL034079424US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
<b>Note: Each paper must have its own certificate of mailing.</b>			

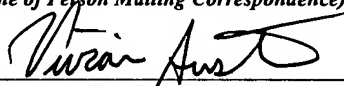
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<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>2002US301</b>
Applicant(s): <b>Joseph E. Oberlander et al</b>			
Serial No. <b>NOT ASSIGNED</b>	Filing Date <b>January 9, 2002</b>	Examiner <b>NOT ASSIGNED</b>	Group Art Unit <b>NOT ASSIGNED</b>
Invention: <b>POSITITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>UTILITY PATENT APPLICATION TRANSMITTAL</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>January 9, 2002</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Vivian Austin</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL034079424US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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Serial No. <b>NOT ASSIGNED</b>	Filing Date <b>January 9, 2002</b>	Examiner <b>NOT ASSIGNED</b>	Group Art Unit <b>NOT ASSIGNED</b>
Invention: <b>POSITITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>APPLICATION CONSISTING OF PAGES 1 THROUGH 34</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>January 9, 2002</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Vivian Austin</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL034079424US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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2002US301-2352401

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. <b>2002US301</b>
Applicant(s): <b>Joseph E. Oberlander et al</b>			
Serial No. <b>NOT ASSIGNED</b>	Filing Date <b>January 9, 2002</b>	Examiner <b>NOT ASSIGNED</b>	Group Art Unit <b>NOT ASSIGNED</b>
Invention: <b>POSITITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING</b>			
I hereby certify that the following correspondence: <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"><b>GENERAL TRANSMITTAL FORM</b></div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"><u>January 9, 2002</u> <i>(Date)</i></p> <div style="text-align: right; margin-top: 20px;"><p><u>Vivian Austin</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EL034079424US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>			
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20020125

**TRANSMITTAL LETTER  
(General - Patent Pending)**

Docket No.  
**2002US301**

In Re Application Of: **Joseph E. Oberlander et al**

Serial No.  
**NOT ASSIGNED**

Filing Date  
**January 9, 2002**

Examiner  
**NOT ASSIGNED**

Group Art Unit  
**NOT ASSIGNED**

Title: **POSITIVE-WORKING PHOTOIMAGEABLE BOTTOM ANTIREFLECTIVE COATING**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is:

- |  |  |
|--|--|
| 1) Utility Patent Application Transmittal Form | 5) Postcard  |
| 2) Recordation Transmittal Form                | 7) Cert of Mailing for items 1 through 4 by Express Mail |
| 3) Assignment                                  |  |
| 4) Combined Declaration and Power of Attorney  |  |

In the above identified application.

- ☐ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☐ Charge any additional fee required.

  
Signature

Dated: **January 9, 2002**

**Sangya Jain, Reg. No. 38,504  
Clariant Corporation  
70 Meister Avenue  
Somerville, NJ 08876  
telephone (908) 429-3536**

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

CC: